

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 10. (Canceled)

11. (Currently Amended) A radio communication method comprising:

maintaining identification information allotted to a radio terminal for receiving data without renewing the identification information when the radio terminal moves from an area of a first radio base station to an area of a second radio base station, and transmitting data and the identification information to the radio terminal from the first and second radio base stations in a diversity transmission manner; and

renewing the identification information when the radio terminal moves to an area of a third base station, and transmitting data and the renewed identification information to the radio terminal from the third radio base station, wherein

the data is transmitted from the third base station in a non-diversity transmission manner with the first and second base stations.

12. (Previously Presented) The radio communication method according to claim 11, wherein said identification information is an IP address.

13. (Previously Presented) The radio communication method according to claim 11, wherein said renewed identification information is different from the identification information before the renewal.

14. (Previously Presented) The radio communication method according to claim 11, wherein

said first radio base station transmits primary information and said second radio base station transmits secondary information, the primary information and the secondary information including same content information,

said radio terminal diversity-receives the primary information and the secondary information, and

said third radio base station transmits information without forming diversity transmission relation with the first radio base station for transmission of the information.

15. (Currently Amended) A radio system performing radio communication with a radio terminal that is in communication with a first radio base station, comprising:

a second radio base station transmitting data and identification information allotted to the radio terminal for receiving data to the radio terminal from the first radio base station without renewing the identification information when the radio terminal moves from an area of the first radio base station to an area of the second radio base station, the data being transmitted from the first and second radio base stations in parallel; and

a third radio base station renewing the identification information for receiving data when the radio terminal moves to an area of the third radio base station, and transmitting data and the renewed identification information to the radio terminal, wherein

the data is transmitted from the third base station in a non-diversity transmission manner with the first and second base stations.

16. (Currently Amended) A radio terminal performing radio communication with a radio base station, comprising:

a receiving unit receiving data and identification information, which are transmitted from a first and a second radio base station in parallel, allotted by the first radio base station from the second base station without renewing the identification information when the radio terminal moves to an area of the second radio base station, and being able to receive data and renewed identification information after receiving the identification information for receiving data when the radio terminal moves to an area of a third radio base station, wherein the data is transmitted from the third base station in a non-diversity transmission manner with the first and second base stations.

17. (Previously Presented) The radio terminal of claim 14, wherein identification information and the renewed identification information are unique.